

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	2	ldpc and ((permuting permutation) with two with (column\$1 row\$1)).. clm.	US-PGPUB	OR	ON	2007/08/10 09:57

*Interference Search*  
*SWP*  
*8/10/09*

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"7058873".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/10 09:49
L2	8	ldpc and (pemuting permutation) with two with (column\$1 row\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/10 09:50
L3	8	ldpc and ((permuting permutation) with two with (column\$1 row\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/10 09:57
L4	6	ldpc and ((permuting permutation) with two with (column\$1 row\$1))	US-PGPUB	OR	ON	2007/08/10 09:57
L5	2	ldpc and ((permuting permutation) with two with (column\$1 row\$1)). clm.	US-PGPUB	OR	ON	2007/08/10 09:57

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check matrix two permutation rows columns

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Web Books

Results 1 - 10 of about 454,000 for check matrix two permutation rows columns. (0.34 seconds)Groundwork: auxiliary lemmas

It is a non-trivial fact that every cycle-free parity-check matrix can be put ... Under an appropriate **column permutation**, these **rows** of H will form the ...  
 ipsit.bu.edu/phdthesis\_html/node34.html - 33k - Cached - Similar pages

More on Coding

Notice that the first **two rows** make up the 2 x 2 identity matrix. ... we need to seek a code matrix C that produces a **check matrix** G with distinct **columns**. ...  
 litconline.net/greenl/courses/203/MatrixesApps/codingII.htm - 67k - Cached - Similar pages

[PDF] SCHEDULING ALGORITHM FOR PARTIALLY PARALLEL ARCHITECTURE OF LDPC ...

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consists of **two** sets of nodes: i.e. variable nodes, {v. j. }, and **check** nodes, {c ..... for **matrix permutation** and Step 6 to 7 assign **rows** and **columns** to ...  
 ieeexplore.ieee.org/iel5/9898/31469/01465951.pdf?arnumber=1465951 - Similar pages

[PDF] Design Considerations Leading to the Development of Good -Rotation ...

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consisting of four **permutation** matrices arranged **two by two**. ... given **row** in the fourth **matrix**, there is exactly one **column** ...

ieeexplore.ieee.org/iel5/4234/30868/01431167.pdf - Similar pages

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Applied Algebra, Algebraic Algorithms and Error-Correcting Codes: ... - Google Books Result

by Marc Ed Fossorier, Tom Høholdt, Alain Poli - 2003 - Computers - 265 pages

Since no **two rows** in HGA(y) have more than one 1-component in common and each ...  
 For a set of **columns** in the parity **check matrix** HGA(y) to sum to zero, ...  
 books.google.com/books?isbn=3540401113...

[PDF] A New Construction for LDPC Codes using Permutation Polynomials ...

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However, the parity **check matrix** can be rearranged by grouping **columns** and **rows** according to their corresponding variable node and **check** node equivalence ...

arxiv.org/pdf/cs/0506091 - Similar pages

[PDF] A New Construction for LDPC Codes using Permutation Polynomials ...

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defines **two** subclasses of quasi-cyclic codes. Type I and II codes have equivalent parity **check** matrices. whose circulant sub-matrices have **row/column** ...

arxiv.org/pdf/cs.IT/0506091.pdf - Similar pages

MathConsiderations - Untitled

COLAMD is thus a simple way to **check** a sparse **matrix** to see if it's valid. ... In the output **permutation p**, **rows/columns** in set 1 appear first, ...

www.gnu.org/software/octave/doc/interpreter/MathConsiderations.html - 32k -

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Layered low density parity check decoding for digital ...

... to a  $q \times q$  **permutation matrix** that has at most a single "1" entry in each **row** and each **column** and "0" entries elsewhere to define a parity **check matrix**. ...

www.patentstorm.us/patents/7139959-claims.html - 24k - Cached - Similar pages

Apparatus and method for encoding a low density parity check code ...The apparatus of claim 3, wherein the inter-row **permutation** apparatus comprises: a .... In

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this manner, a parity **check matrix** satisfying the **two** structures ...  
www.patentmonkey.com/PM/patentid/7178082.aspx - 122k - Cached - Similar pages

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